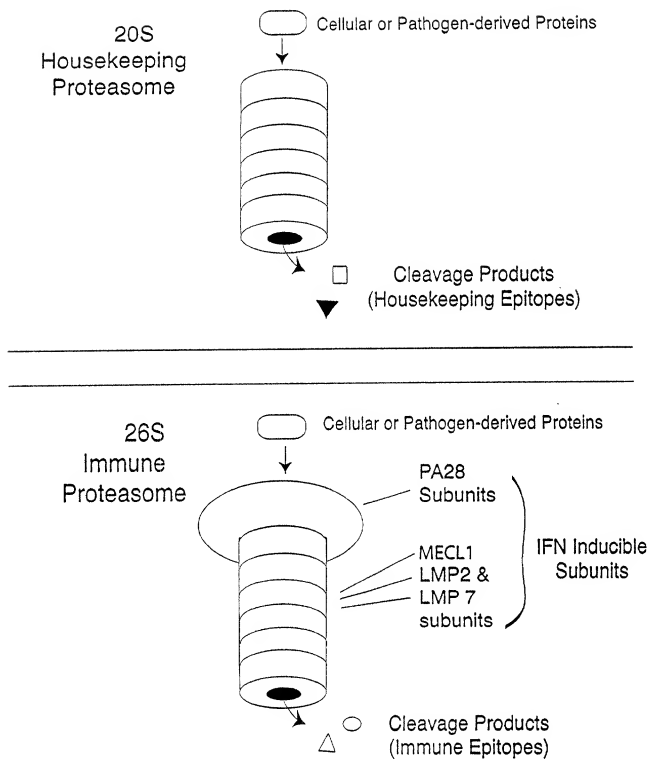


FIG. 1

**FIG. 2**

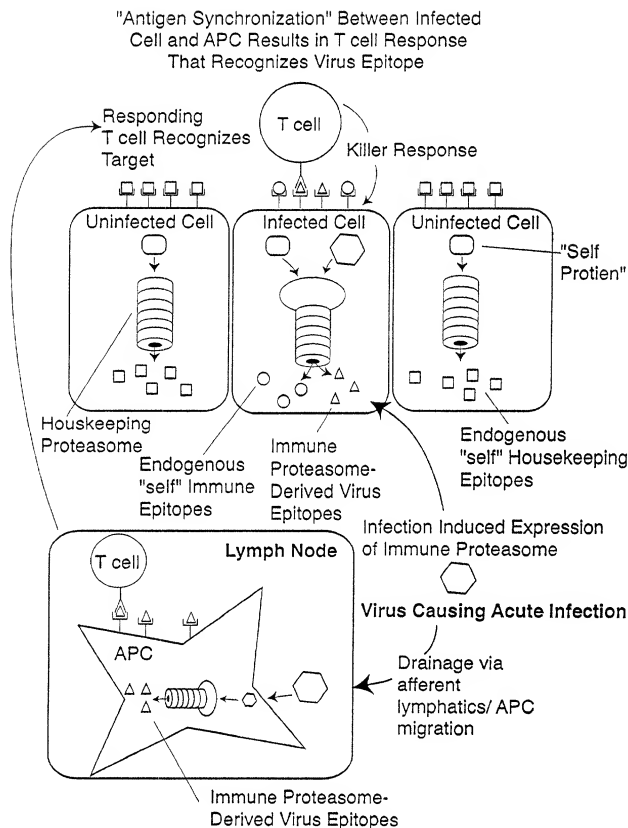


FIG. 3

T cell does not recognize Housekeeping Epitope (Tumor survives)

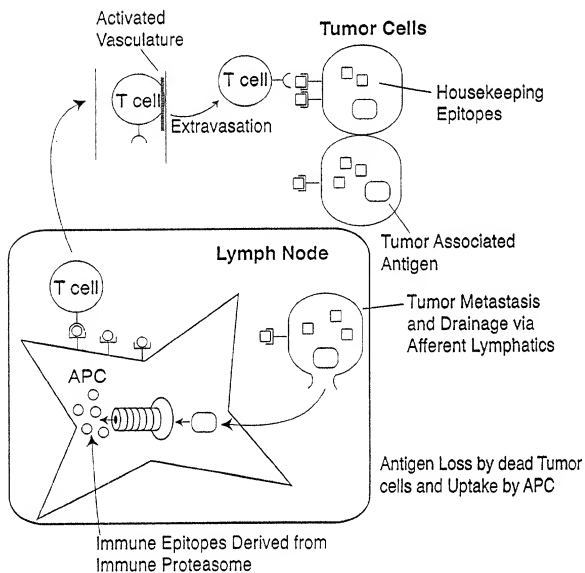


FIG. 4

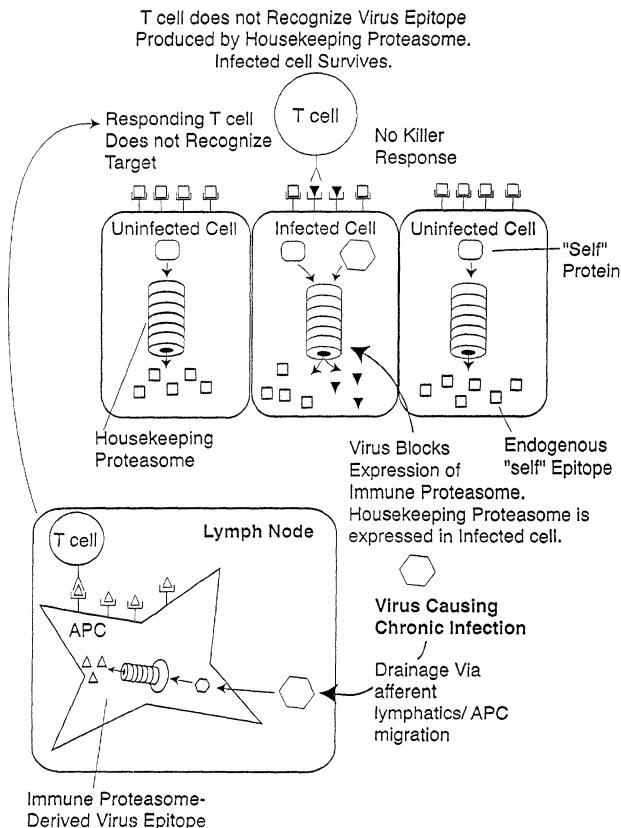


FIG. 5

IFN γ Production by T cell May Induce
Expression of Immune Proteasome
in some adjacent Tumor Cells. T cells
kill Tumor cells.

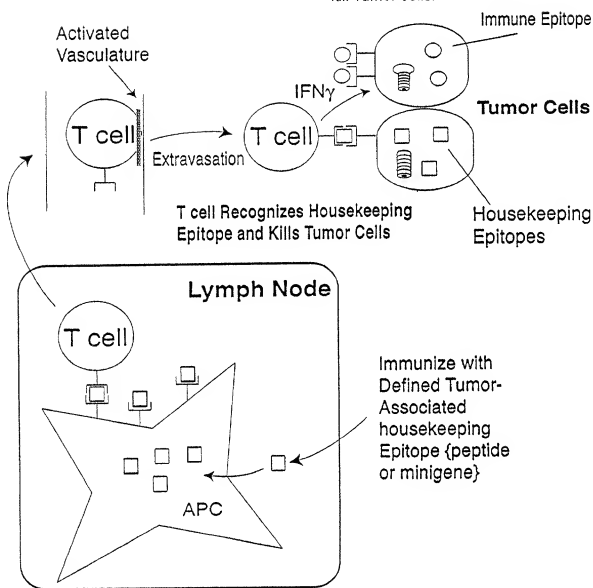


FIG. 6

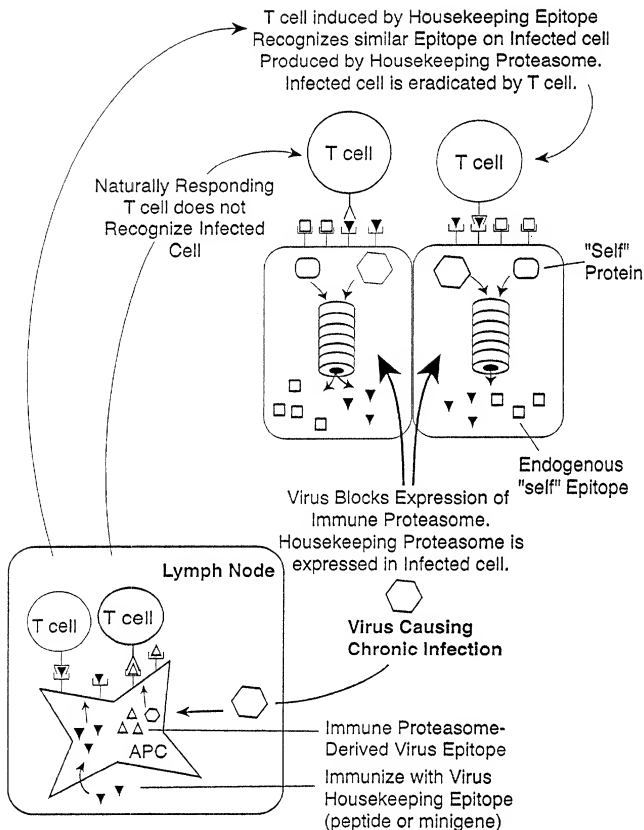


FIG. 7

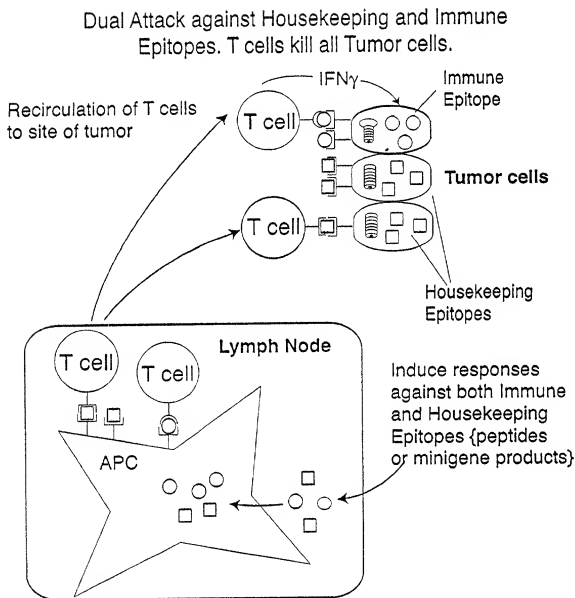


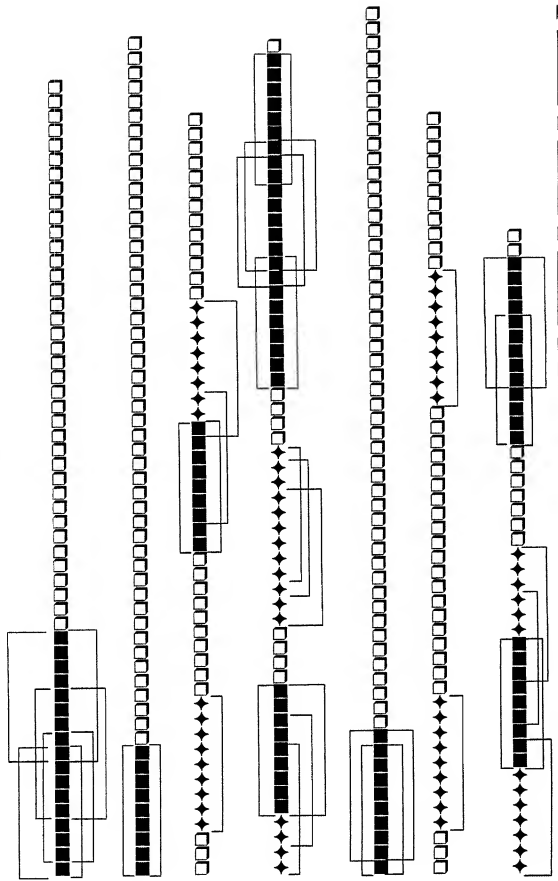
FIG. 8

TYROSINASE

FIG. 9A
FIG. 9B

FIG. 9

FIG. 9A



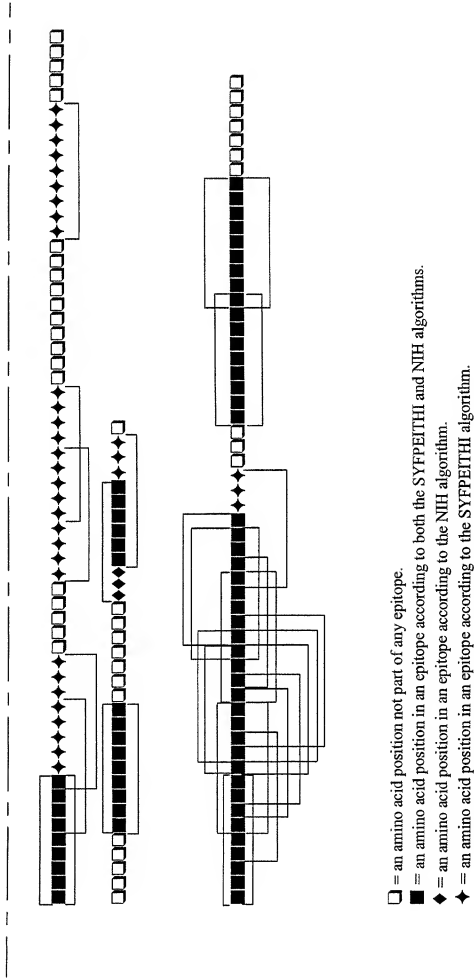


FIG. 9B

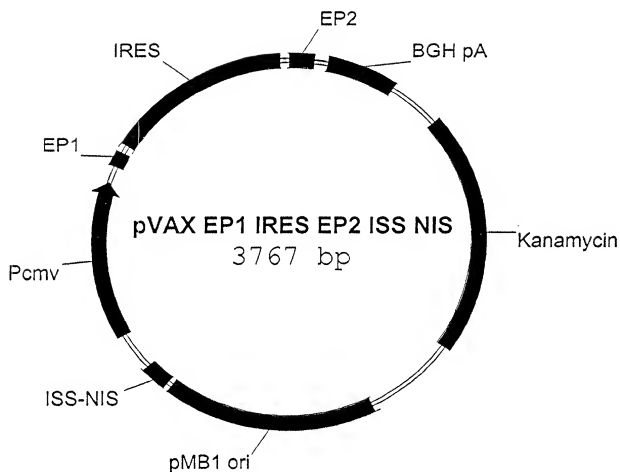


FIG. 10A

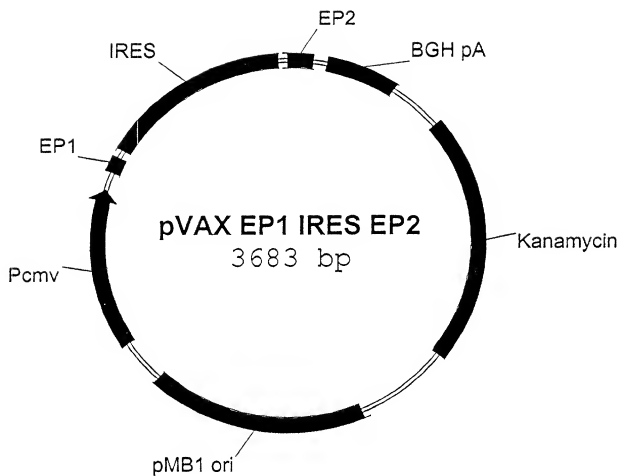


FIG. 10B

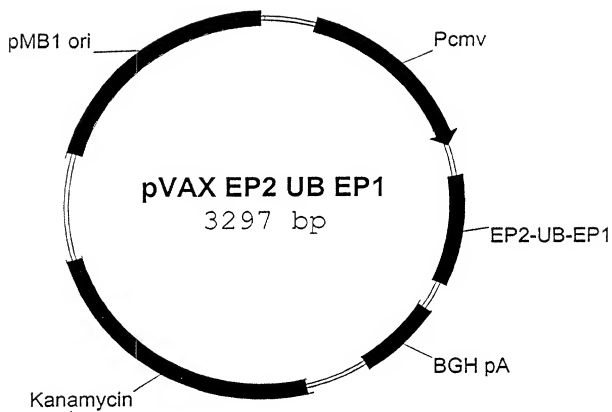


FIG. 11

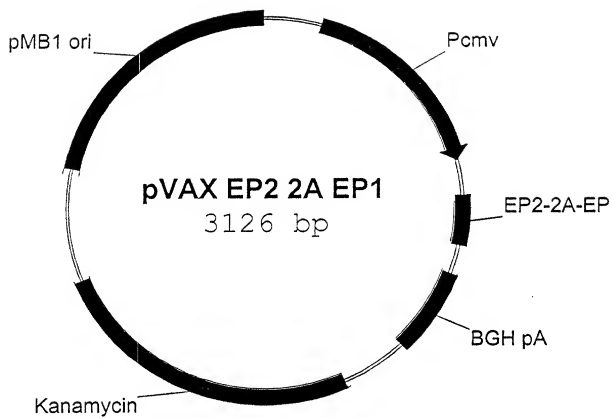


FIG. 12

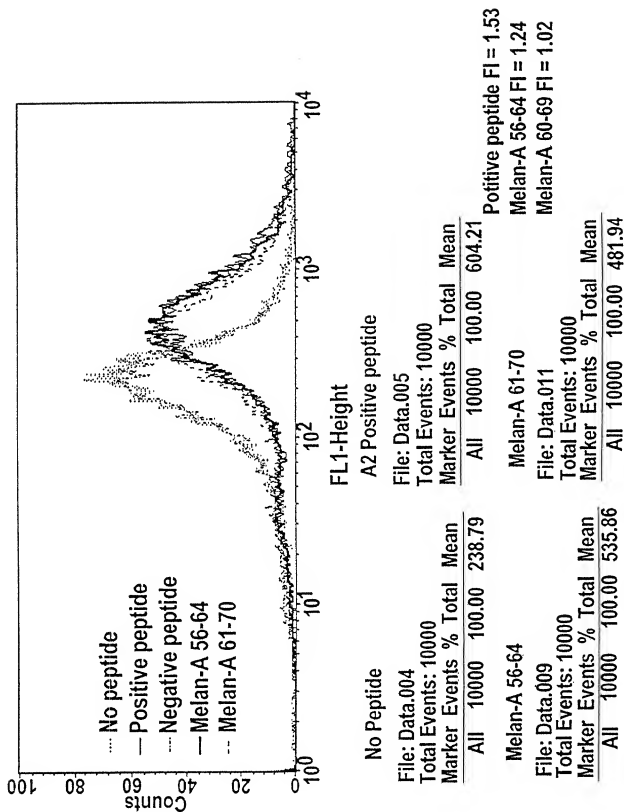


FIG. 13

**Tyrosinase peptide 207-216 binds to human MHC I
on T2 cells and enhances its expression**

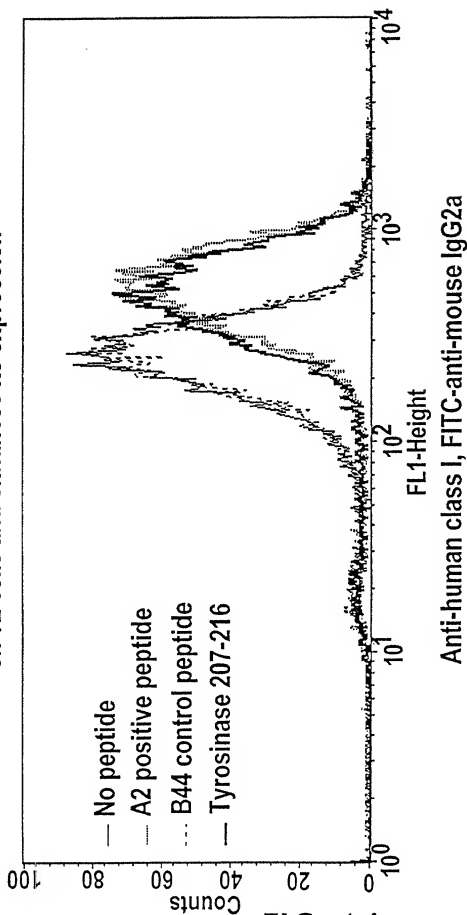


FIG. 14

Melan-A Class I HLA-A2 Epitopes

FIG. 15

MPREDAHFYGYPKKGHGHSYTTAEAAAGILTVILGVLLIGCWYCR

RRNGYRALMDKSLHVGTCALTRRCPQEGFDHRDSKVS LQEKNCPEVVP

NAPPAYEKL SAEQSPPPYSP

MNGDDAFARRPTVGAQIPEKIQKAFDDIAKYFSKEEWEKM

KASEKIFVYMKRKYEAMTKLGFKATLPPFMCNKRAEDFQ

GNDLDNDPNRGNOVERPQMTFGRLQGISPKIMPKPAEEG

NDSEEVPEASGPQNDGKELCPPGKPTTSEKIHRSRGPKR

EHAWTHRLRERKQLVIYEEISDPEEDDE

FIG. 16

MQAEGRGTTG STGDADGPGG PGIPDGPCCN AGGPGEAGAT

GGRGPRGAGA ARASGPGGGA PRGPHGGAAS GLNGCCRCGA

RGPEs RLLEFYLAM PFATPMEAELARRSLAQDAPPLPVP

GVLLKEFTVSGN ILTIRLTAA DHR
 QLQLSISSCLQ QLSLLMWIT QCFLPV FLAQ PPSGQRR

FIG. 17

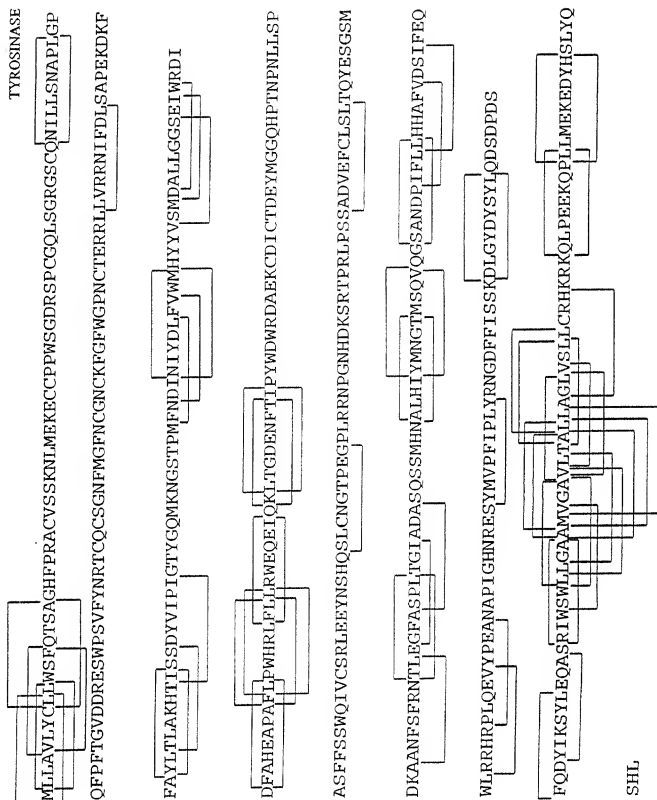


FIG. 18